



# **STIC Search Report**

## **EIC 1700**

**STIC Database Tracking Number: 117296**

**TO: Peter Chin**  
**Location: REM 7D21**  
**Art Unit : 1731**  
**March 19, 2004**

**Case Serial Number: 10/645281**

**From: Kendra Mellerson**  
**Location: EIC 1700**  
**REM 4B28**  
**Phone: 571-272-2516**

**Kendra.Mellerson@uspto.gov**

### **Search Notes**

No Cases Reported

US6,558,513

**Mellerson, Kendra**

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**From:** Chin, Peter  
**Sent:** Friday, March 19, 2004 8:10 AM  
**To:** STIC-EIC1700  
**Subject:** Reissue application 10/645,281

Good morning,  
Please do a litigation search for US Patent 6,558,513 (Application SN 09/866,830). I am currently working on the reissue application 10/645,281. I would appreciate your earliest possible attention.

Thank you

Peter Chin 173

7021

## Current session 19/03/2004

(C) QUESTEL 1994

QUESTEL.ORBIT (TM) 1998

19/03/04 16\*02\*12

Last connection: 18/03/04 16\*12\*48

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www.questel.orbit.com - Gateway, documentation & IP resource  
- PCTFULL: PCT fulltext - contents & prices, see INFO PCTFULL  
- NEW: Non-Patent Literature file from EPO data, see INFO NPL  
- NEW: Starting 09/03, MEM Chrg for Sci-Tech Files, see INFO MEM  
- French Patent Applications Fulltext file, see INFO FRFULL  
- NTIS & IDPFA/N to be removed from Questel.Orbit Jan 1, 2004  
- Citations for GB patents now available in the PlusPat file.  
- 2004 Euro & US Dollar Price Lists available on our web-site  
..FILE / ..INFO / ..GUIDE

## Query/Command : FILE PLUSPAT

QUESTEL - Time in minutes : 1,38

The cost estimation below is based on Questel's  
standard price list

|   |                  |          |
|---|------------------|----------|
|   | Estimated cost : | 1.38 USD |
| Cost estimated for the last database search : |                  | 1.38 USD |
| Estimated total session cost                  | :                | 1.38 USD |

Selected file: PLUSPAT

PLUSPAT - (c) Questel-Orbit, All Rights Reserved.  
Comprehensive Worldwide Patents database  
New Patent Citation Commands & FAM Citation Report - see INFO PATCITE  
GB Citations Now Available in PlusPat  
GB citations have been added to over 200,000 corresponding GB records in  
PlusPat. Coverage starts in the 1980's and is updated monthly.  
PlusPat now covers cited references from US, EP, PCT, FR and now GB.  
Last update of file: 2004/03/10 (YYYY/MM/DD) 2004-10/UP (basic update)

Search statement 1

## Query/Command : US6558513/PN

## \*\* SS 1: Results 1

Search statement 2

## Query/Command : PRT FULL NONSTOP LEGALALL

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1/1 PLUSPAT - ©QUESTEL-ORBIT

**PN** - US6558513 B1 20030506 [US6558513]  
**TI** - (B1) Non-aqueous release from paper machine equipment  
**PA** - (B1) HERCULES INC (US)  
**PA0** - Hercules Incorporated, Wilmington DE [US]  
**IN** - (B1) HENDRIKS WILLIAM A (US); PEASE JACQUELINE K (US)  
**AP** - US86683001 20010529 [2001US-0866830]  
**PR** - US86683001 20010529 [2001US-0866830]  
**IC** - (B1) D21C-009/08 D21H-017/04  
**EC** - C08F-010/10  
**PCL** - ORIGINAL (O) : 162173000; CROSS-REFERENCE (X) : 106002000  
 162199000  
**DT** - Corresponding document  
**CT** - US4028172; US4439344; US4704776; US4940846; US5061524; US5210121;  
 US5658374; US5863385; US6139911; NL8105792  
 Chem Abst 126: 158948v (1997) of JP 08,337,988 to Ichihara et al.  
  
 Chem Abst. 131:352740q; (1999) of JP 11 323,766 to Murano et al.  
  
 OSI Specialities Brochure "Silicone Fluids, Emulsions and Foam Control Agents  
 for Your Application", pp. 15, 16, 22, 23 and 28.  
  
 Amoco Chemical Company/Bulletin 12-0N, "Amoco Polybutene", 1994.  
**STG** - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001  
**AB** - Disclosed is a method of improving the release of paper webs from the surface of  
 press rolls or other paper making or converting equipment by applying to such a  
 surface non-aqueous, non-curing hydrocarbon polymer compositions. The non-  
 curing hydrocarbon polymers have the formula (CH<sub>3</sub>)<sub>3</sub> C-- --C(R<sub>1</sub>)(R<sub>2</sub>)--C(R<sub>3</sub>)  
 (R<sub>4</sub>)--n --C(R<sub>5</sub>).dbd.C(CH<sub>3</sub>)<sub>2</sub> (I) wherein R<sub>1</sub> through R<sub>5</sub> are hydrogen or --CH<sub>3</sub>,  
 with at least one of R<sub>1</sub> through R<sub>4</sub> being --CH<sub>3</sub>, and n is such that the number  
 average molecular weight of such hydrocarbon polymers is from 50 to 3000.  
 They may be hydrogenated. Preferred non-curing hydrocarbon polymers are  
 polybutenes of the formula (CH<sub>3</sub>)<sub>3</sub> C-- --CH<sub>2</sub> --C(CH<sub>3</sub>)<sub>2</sub> --n --CH.dbd.C(CH<sub>3</sub>)<sub>2</sub>  
 (II). Preferred compositions comprise at least one such hydrocarbon polymer  
 component having a number average molecular weight from 400 to 700 and a  
 second such component having a number average molecular weight of 100 to  
 400. The compositions are applied to the equipment surface in the absence of  
 water.  
**UP** - 2003-20

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1/1 LGST - ©EPO

**PN** - US6558513 B1 20030506 [US6558513]  
**AP** - US86683001 20010529 [2001US-0866830]  
**ACT** - 20031111 US/RF-A  
 REISSUE APPLICATION FILED  
 EFFECTIVE DATE: 20030821  
**UP** - 2003-48

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1/1 CRXX - ©CLAIMS/RRX

PN - 6,558,513 A 20030506 [US6558513]

PA - Hercules Inc

ACT - 20030821 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20031111

REISSUE REQUEST NUMBER: 10/645281

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3629

Reissue Patent Number:

Query/Command : FILE INPADOC

PLUSPAT - Time in minutes : 0,35

The cost estimation below is based on Questel's  
standard price list

|   |          |
|---|----------|
| Estimated cost :                              | 0.84 USD |
| Records displayed and billed :                | 1        |
| Estimated cost :                              | 1.32 USD |
| Cost estimated for the last database search : | 2.16 USD |
| Estimated total session cost :                | 3.54 USD |

LGST - Time in minutes : 0,03

The cost estimation below is based on Questel's  
standard price list

|   |          |
|---|----------|
| Estimated cost :                              | 0.03 USD |
| Records displayed and billed :                | 1        |
| Estimated cost :                              | 0.60 USD |
| Legal-Status informations :                   | 1        |
| Estimated cost :                              | 0.50 USD |
| Cost estimated for the last database search : | 1.13 USD |
| Estimated total session cost :                | 4.67 USD |

CRXX - Time in minutes : 0,04

The cost estimation below is based on Questel's  
standard price list

|   |           |
|---|-----------|
| Estimated cost :                              | 0.07 USD  |
| Records displayed and billed :                | 1         |
| Estimated cost :                              | 5.50 USD  |
| Legal-Status informations :                   | 1         |
| Estimated cost :                              | 0.50 USD  |
| Cost estimated for the last database search : | 6.07 USD  |
| Estimated total session cost :                | 10.74 USD |

LITA - Time in minutes : 0,00

The cost estimation below is based on Questel's  
standard price list

|                                |           |
|--------------------------------|-----------|
| Estimated total session cost : | 10.74 USD |
|--------------------------------|-----------|

Selected file: INPADOC

You are now connected to INPADOC

Covers 1968/1973 thru weekly updates (2004-11)  
For information on content, (..)INFO INPD.

Search statement 1

Query/Command : FAM US6558513/PN

1 Patent Groups

**\*\* SS 1: Results 6**

Search statement 2

Query/Command : FAMSTATE NONSTOP

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1 / 6 INPADOC - ©INPADOC

**PN** - CA 2448701 AA 20021205 [CA2448701]  
**TI** - NON-AQUEOUS RELEASE FROM PAPER MACHINE EQUIPMENT  
DECOLLEMENT NON AQUEUX DESTINE A UN EQUIPEMENT DE  
MACHINE A PAPIER  
**LA** - ENG  
**IN** - HENDRIKS WILLIAM A [US]; PEASE JACQUELINE K [US]  
**PA** - HERCULES INC [US]  
**AP** - CA 2448701/02-A 20020523 [2002CA-2448701]  
**PR** - US 866830/01-A 20010529 [2001US-0866830]  
WO 200216805/02(US)-W 20020523 [2002WO-US16805]  
**IC** - C08F-010/10; C08F-010/08

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2 / 6 INPADOC - ©INPADOC

**PN** - EP 1392739 A2 20040303 [EP1392739]  
**TI** - NON-AQUEOUS RELEASE FROM PAPER MACHINE EQUIPMENT  
DECOLLEMENT NON AQUEUX DESTINE A UN EQUIPEMENT DE  
MACHINE A PAPIER  
NICHTWSSRIGE FREIGABE AUS EINEM PAPIERMASCHINENGERT  
**LA** - ENG  
**IN** - PEASE JACQUELINE K [US]; HENDRIKS WILLIAM A [US]  
**PA** - HERCULES INC [US]  
**AP** - EP 02734565/02-A 20020523 [2002EP-0734565]  
**PR** - WO 200216805/02(US)-W 20020523 [2002WO-US16805]  
US 866830/01-A 20010529 [2001US-0866830]  
**IC** - C08F-010/00  
**DS** - AT\* BE\* CH\* CY\* DE\* DK\* ES\* FI\* FR\* GB\* GR\* IE\* IT\* LI\* LU\* MC\*  
NL\* PT\* SE\* TR\*

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*1 / 1 LEGALI - ©EPO*

**PN** - EP1392739 A 0 [EP1392739]  
**AP** - EP02734565 20020523 [2002EP-0734565]  
**ACTE** - 20040303 EP/AK-A [+]  
DESIGNATED CONTRACTING STATES:  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR  
  
20040303 EP/AX-A [+]  
EXTENSION OF THE EUROPEAN PATENT TO  
AL LT LV MK RO SI  
  
20040303 EP/17P-A [+]  
REQUEST FOR EXAMINATION FILED  
EFFECTIVE DATE: 20031202  
**UP** - 2004-10

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*3 / 6 INPADOC - ©INPADOC*

**PN** - NO 20035330 A0 20031128 [NO200305330]  
**TI** - Ikke-vandig frigivelse fra papirmaskinutstyr  
**IN** - PEASE JACQUELINE K [US]; HENDRIKS WILLIAM ANTHONY [US]  
**PA** - HERCULES INC [US]  
**AP** - NO 20035330/03-A 20031128 [2003NO-0005330]  
**PR** - US 866830/01-A 20010529 [2001US-0866830]  
WO 200216805/02(US)-W 20020523 [2002WO-US16805]  
**IC** - C08F-000/00

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*4 / 6 INPADOC - ©INPADOC*

**PN** - US 6558513 BA 20030506 [US6558513]  
**TI** - NON-AQUEOUS RELEASE FROM PAPER MACHINE EQUIPMENT  
**IN** - PEASE JACQUELINE K [US]; HENDRIKS WILLIAM A [US]  
**PA** - HERCULES INC [US]  
**AP** - US 866830/01-A 20010529 [2001US-0866830]  
**PR** - US 866830/01-A 20010529 [2001US-0866830]  
**IC** - D21H-017/04; D21C-009/08

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*1 / 1 LEGALI - ©EPO*

**PN** - US6558513 B1 20030506 [US6558513]  
**AP** - US86683001 20010529 [2001US-0866830]  
**ACTE** - 20031111 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20030821  
**UP** - 2003-48

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5 / 6 INPADOC - ©INPADOC

**PN** - WO 2002096963 A2 20021205 [WO200296963]  
**TI** - NON-AQUEOUS RELEASE FROM PAPER MACHINE EQUIPMENT  
**LA** - ENG  
**IN** - PEASE JACQUELINE K; HENDRIKS WILLIAM A  
**PA** - HERCULES INC [US]  
**AP** - WO US 200216805/02(US)-A 20020523 [2002WO-US16805]  
**PR** - US 866830/01-A 20010529 [2001US-0866830]  
**IC** - C08F-010/00  
**DS** - AE\* AG\* AL\* AM\* AT\* AU\* AZ\* BA\* BB\* BG\* BR\* BY\* BZ\* CA\* CH\*  
 CN\* CO\* CR\* CU\* CZ\* DE\* DK\* DM\* DZ\* EC\* EE\* ES\* FI\* GB\* GD\*  
 GE\* GH\* GM\* HR\* HU\* ID\* IL\* IN\* IS\* JP\* KE\* KG\* KP\* KR\* KZ\* LC\*  
 LK\* LR\* LS\* LT\* LU\* LV\* MA\* MD\* MG\* MK\* MN\* MW\* MX\* MZ\*  
 NO\* NZ\* OM\* PH\* PL\* PT\* RO\* RU\* SD\* SE\* SG\* SI\* SK\* SL\* TJ\* TM\*  
 TN\* TR\* TT\* TZ\* UA\* UG\* UZ\* VN\* YU\* ZA\* ZM\* ZW\* GH GM KE LS  
 MW MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD RU TJ TM AT BE  
 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI  
 CM GA GN GQ GW ML MR NE SN TD TG

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1 / 1 LEGALI - ©EPO

**PN** - WO02096963 A2 20021205 [WO200296963]WO02096963 A3 20030213  
 [WO200296963]  
**AP** - WOUS0216805 20020523 [2002WO-US16805]  
**ACTE** - 20021205 WO/AK [+]  
 DESIGNATED STATES CITED IN A SUBSEQUENTLY PUBLISHED  
 SEARCH REPORT  
 AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ  
 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE  
 KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ  
 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA  
 UG UZ VN YU ZA ZM ZW

20021205 WO/AL [+]

DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A  
 SUBSEQUENTLY PUBLISHED SEARCH REPORT

GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD  
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 TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

20030129 WO/121

EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS  
 DESIGNATED IN THIS APPLICATION

20030213 WO/AK [+]

DESIGNATED STATES CITED IN A SUBSEQUENTLY PUBLISHED  
 SEARCH REPORT



AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ  
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KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ  
NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA  
UG UZ VN YU ZA ZM ZW

20030213 WO/AL [+]

DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A  
SUBSEQUENTLY PUBLISHED SEARCH REPORT

GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD  
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TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

20030320 WO/DFPE

REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO  
EXPIRATION OF 19TH MONTH FROM PRIORITY DATE

UP - 2003-52

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6 / 6 INPADOC - ©INPADOC

**PN** - WO 2002096963 A3 20030213 [WO200296963]  
**TI** - NON-AQUEOUS RELEASE FROM PAPER MACHINE EQUIPMENT  
**LA** - ENG  
**IN** - PEASE JACQUELINE K; HENDRIKS WILLIAM A  
**PA** - HERCULES INC [US]  
**AP** - WO US 200216805/02(US)-A 20020523 [2002WO-US16805]  
**PR** - US 866830/01-A 20010529 [2001US-0866830]  
**IC** - C08F-010/10; C08F-010/08  
**DS** - AE\* AG\* AL\* AM\* AT\* AU\* AZ\* BA\* BB\* BG\* BR\* BY\* BZ\* CA\* CH\*  
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MW MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD RU TJ TM AT BE  
CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI  
CM GA GN GQ GW ML MR NE SN TD TG

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1 / 1 LEGALI - ©EPO

**PN** - WO02096963 A2 20021205 [WO200296963]WO02096963 A3 20030213  
[WO200296963]  
**AP** - WOUS0216805 20020523 [2002WO-US16805]  
**ACTE** - 20021205 WO/AK [+]  
DESIGNATED STATES CITED IN A SUBSEQUENTLY PUBLISHED  
SEARCH REPORT  
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ  
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KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ  
NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA  
UG UZ VN YU ZA ZM ZW

20021205 WO/AL [+]

DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A  
SUBSEQUENTLY PUBLISHED SEARCH REPORT

GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD  
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TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

20030129 WO/121

EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS  
DESIGNATED IN THIS APPLICATION

20030213 WO/AK [+]

DESIGNATED STATES CITED IN A SUBSEQUENTLY PUBLISHED  
SEARCH REPORT

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ  
DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE  
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ  
NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA  
UG UZ VN YU ZA ZM ZW

20030213 WO/AL [+]

DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A  
SUBSEQUENTLY PUBLISHED SEARCH REPORT

GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD  
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

20030320 WO/DFPE

REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO  
EXPIRATION OF 19TH MONTH FROM PRIORITY DATE

UP - 2003-52

PATNO IS 6558513

DATE: MARCH 19, 2004  
LIBRARY: PATENT  
FILE: ALL

Your search request is:  
PATNO IS 6558513

Number of PATENTS found with your search request through:  
LEVEL 1... 1

Your search request has found 1 PATENT through Level 1.  
To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.  
To MODIFY your search request, press the M key (for MODIFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. 6558513 , May 6, 2003 , Non-aqueous release from paper machine equipment, Pease, Jacqueline K. - St. Augustine, Florida; Hendriks, William A. - Jacksonville, Florida, 866830 (09), Hercules Incorporated, Wilmington, Delaware, 02, December 11, 2001 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., HERCULES INCORPORATED LAW DEPARTMENT 1313 NORTH MARKET STREET WILMINGTON DELA WARE 19894, Reel and Frame Number: 012349/0355 December 27, 2002 - NOTICE OF GRANT OF SECURITY INTEREST, CREDIT SUISSE FIRST BOSTON, AS COLLATERAL AGENT ELEVEN MADISON AVENUE NEW YOR K NEW YORK 10010, Reel and Frame Number: 013599/0200

CORE TERMS: roll, polybutene, composition, web, non-curing, polymer, hydrocarbon, hydrophobic, non-aqueous, surfactant ...

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6558513

May 6, 2003

Non-aqueous release from paper machine equipment

REISSUE: August 21, 2003 - Reissue Application filed Ex. Gp.: 3629; Re. S.N.  
10/645,281 (O.G. November 11, 2003)

APPL-NO: 866830 (09)

FILED-DATE: May 29, 2001

GRANTED-DATE: May 6, 2003

CORE TERMS: roll, polybutene, composition, web, non-curing, polymer,  
hydrocarbon, hydrophobic, non-aqueous, surfactant ...

6558513 OR 6,558,513

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.